



## CA-NV AWWA Water Loss Technical Assistance Program

### Wave 4 Water Audit Level 1 Validation Document

#### Audit Information:

Utility: Santa Fe Irrigation District

PWS ID: CA3710023

System Type: Potable

Audit Period: Fiscal Year 2016/17

Utility Representation: Chris Bozir, Cor Schafer, Marrassa Potter, Dave Harris

Validation Date: 7/25/2017

Call Time: 9am

Sufficient Supporting Documents Provided: Yes

#### Validation Findings & Confirmation Statement:

##### Key Audit Metrics:

Data Validity Score: 70 Data Validity Band (Level): Band III (51-70)

ILI: 4.2 Real Loss: 89.05 (gal/conn/day) Apparent Loss: 10.21 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 3.7%

##### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

#### Validator Information:

Water Audit Validator: Lucy Andrews / Carolyn Prescott (support) Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

Validator Provided



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Water System Name: Santa Fe Irrigations District      Water System ID Number: CA3710023      Water Audit Period: Fiscal Year 2016/17

#### Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- Continue with AMI meter replacement program.
- Conduct leak audits within the distribution system.
- Increase frequency of calibrations on supply meters.

#### Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

Executive Name (Print)  
Stanne Deaver

Executive Position  
Administrative Manager

Signature  


Date  
9-28-17